

### **Abstract**

A stent, in particular a peripheral stent, for self-induced expansion from a first condition in which enclosed by a sheathing device (9) it can be introduced into a vessel (8), into a second condition in which it holds the vessel (8) expanded, as a result of removal of the sheathing device (9') from the stent (1), which occurs in a first direction (5) with respect to the stent (1), comprising a number of annular support portions (2, 2.1, 2.2) comprising bar elements (3) which are connected in the longitudinal direction of the stent (1) by way of connecting bars (4), wherein the stent is so designed that, when the sheathing device (9) is not yet completely removed, it can be restored to its first condition again by producing a relative movement of the sheathing device (9) with respect to the stent (1) in a second direction (14) in opposite relationship to the first direction (5), without hooking engagement on the sheathing device (9). A catheter and a method of positioning said stent.

Figure 3